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# TEST REPORT ON CEMENT

| | |
|---|---|
| **Name of work:** | **Comphesive development of road and drains at Adithyanagara, Chikkabettahalli, Jyothinagara, Munishamappa Layout, and Judicial Layout in ward no. 03 and 04 of Yelahanka Division (Package – 5)** |
| **Location:** | **at Adithyanagara, Chikkabettahalli, Jyothinagara** |
| **Client:** | **Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore** |
| **Name of the Agency:** | **Sri G. Chandrashekar (Sri Sai Charan Construction)** |
| **Reference:** | **BBMP/EE/YNK.D/EPMT-06/W.O/232/2020-21** |
| **Condition of Samples:** | **Satisfactory** |
| **Test According to:** | **Relevant IS code** |
| **Date of Testing:** | **10/06/21** |
| **Submission Date:** | **10/07/21** |

**Test Calculation at Adithyanagara, Chikkabettahalli, Jyothinagara**

| SL no | Description | Test Method as per IS | Test Result | Remarks |
|---|---|---|---|---|
| 1 | a) Initial setting time | IS: -4031 ( part-5) | 128 Minutes | ok |
| | b) Final setting time | IS: -4031 ( part-5) | 460Minutes | ok |
| 2 | Soundness | IS: 4031 (part-3) La-Chatelier method | 3.0 mm | ok |
| 3 | Standard Consistency | IS: -4031 ( part-4) | 25.00% | ok |
| 4 | Compressive Strength | | | |
| | a) 3 Days | Mpa | 26 | ok |
| | b) 7 Days | Mpa | 37 | ok |

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# TEST REPORT ON FINE AGGREGATE

| | |
|---|---|
| **Name of work:** | **Comphesive development of road and drains at Adithyanagara, Chikkabettahalli, Jyothinagara, Munishamappa Layout, and Judicial Layout in ward no. 03 and 04 of Yelahanka Division (Package – 5)** |
| **Location:** | AT ADITHYA NAGAR, JYOTHINAGAR |
| **Client:** | **Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore** |
| **Name of the Agency:** | **Sri G. Chandrashekar (Sri Sai Charan Construction)** |
| **Reference:** | **BBMP/EE/YNK.D/EPMT-06/W.O/232/2020-21** |
| **Condition of Samples:** | **Satisfactory** |
| **Test According to:** | **Relevant IS code** |
| **Date of Testing:** | **10/06/21** |
| **Submission Date:** | **10/07/21** |

**SAMPLE ID: Sand** Total Wt of Aggregate in Gms: 1350

| IS Sieve Size in mm | Weight of Retained (gms) | Cumulative Weight of Retained (gms) | Cumulative % of Retained (gms) | Cumulative % of passing | Percentage Passing for grading zone II as per IS 383-1970 |
|---|---|---|---|---|---|
| 10 | 0 | 0 | 0 | 100 | 100 |
| 4.75 | 30 | 30 | 2.22 | 97.78 | 90-100 |
| 2.36 | 62 | 92 | 6.81 | 93.82 | 75-100 |
| 1.18 | 90 | 182 | 13.48 | 86.52 | 55-90 |
| 600 Micron | 480 | 662 | 49.03 | 50.97 | 35-59 |
| 300 Micron | 358 | 1020 | 75.55 | 24.45 | 8-30 |
| 150 Micron | 325 | 1345 | 99.62 | 0.38 | 0-10 |

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# SOCIUS ENGG. TECH. PVT. LTD.

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## TEST REPORT ON M20 GRADE CONCRETE

**Name of work:** Comphesive development of road and drains at Adithyanagara, Chikkabettahalli, Jyothinagara, Munishamappa Layout, and Judicial Layout in ward no. 03 and 04 of Yelahanka Division (Package – 5)

**location : at Adithyanagara, Chikkabettahalli, Jyothinagara**

**Client:** Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore

**Name of the Work Order No:-** BBMP/EE/YNK.D/EPMT-06/W.O/232/2020-21

**Agency: Sri G. Chandrashekar (Sri Sai Charan Construction)**

**Size of cubes** : 150 x150 x 150 mm

**Cross Sectional area** : 22500 mm2

**Grade of concrete** : M20

**Compressive Strength as on** : 28 Days

**Date of casting** : 15/06/21

### Concrete for culvert and Drains side walls

**28 Days test Results**

| Sl no | Date of casting | Date of testing | Failure load | Compressive Strength (N/mm2) | Average Compressive Strength (N/mm2) |
|---|---|---|---|---|---|
| | 16/06/21 | 10/08/2020 | 506.3 | 22.50 | 22.47 |
| | 16/06/21 | 10/08/2020 | 492.0 | 21.87 | |
| | 16/06/21 | 10/08/2020 | 518.4 | 23.04 | |

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# TEST REPORT ON M20 GRADE CONCRETE

**Name of work:** Comphesive development of road and drains at Adithyanagara, Chikkabettahalli, Jyothinagara, Munishamappa Layout, and Judicial Layout in ward no. 03 and 04 of Yelahanka Division (Package – 5)

**location : at Adithyanagara, Chikkabettahalli, Jyothinagara**

**Client:** Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore

**Name of the Work Order No:-** BBMP/EE/YNK D/EPMT-06/W.O/232/2020-21

**Agency: Sri G. Chandrashekar (Sri Sai Charan Construction)**

**Size of cubes** : 150 x150 x 150 mm

**Cross Sectional area** : 22500 mm2

**Grade of concrete** : M20

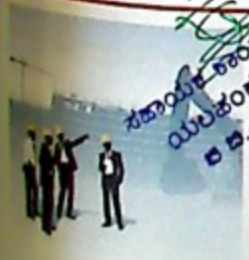
**Compressive Strength as on** : 28 Days

**Date of casting** : 16/06/21

## Concrete for culvert and Drains side walls

**28 Days test Results**

| Sl no | Date of casting | Date of testing | Failure load | Compressive Strength (N/mm2) | Average Compressive Strength (N/mm2) |
|---|---|---|---|---|---|
| 1 | 16/06/21 | 10/08/2020 | 506.3 | 22.50 | 22.103 |
| 2 | 16/06/21 | 10/08/2020 | 492.0 | 21.87 | |
| 3 | 16/06/21 | 10/08/2020 | 493.6 | 21.94 | |



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## TEST REPORT ON M20 GRADE CONCRETE

**Name of work:** Comphesive development of road and drains at Adithyanagara, Chikkabettahalli, Jyothinagara, Munishamappa Layout, and Judicial Layout in ward no. 03 and 04 of Yelahanka Division (Package – 5)

**location : at Adithyanagara, Chikkabettahalli, Jyothinagara**

**Client:** Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore

**Name of the Work Order No:-** BBMP/EE/YNK.D/EPMT-06/W.O/232/2020-21

**Agency: Sri G. Chandrashekar (Sri Sai Charan Construction)**

**Size of cubes** : 150 x150 x 150 mm

**Cross Sectional area** : 22500 mm2

**Grade of concrete** : M20

**Compressive Strength as on** : 28 Days

**Date of casting** : 17/06/21

**Concrete for culvert slabs and Drain slabs**

**28 Days test Results**

| Sl no | Date of casting | Date of testing | Failure load | Compressive Strength (N/mm2) | Average Compressive Strength (N/mm2) |
|---|---|---|---|---|---|
| 1 | 16/06/21 | 10/08/2020 | 493.6 | 21.94 | 23.3 |
| 2 | 16/06/21 | 10/08/2020 | 538.7 | 23.97 | |
| 3 | 16/06/21 | 10/08/2020 | 539.8 | 23.99 | |

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# TEST REPORT ON M20 GRADE CONCRETE

**Name of work:** Comphesive development of road and drains at Adithyanagara, Chikkabettahalli, Jyothinagara, Munishamappa Layout, and Judicial Layout in ward no. 03 and 04 of Yelahanka Division (Package – 5)

**location : at Adithyanagara, Chikkabettahalli, Jyothinagara**

**Client:** Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore

**Name of the Work Order No:-** BBMP/EE/YNK.D/EPMT-06/W.O/232/2020-21

**Agency: Sri G. Chandrashekar (Sri Sai Charan Construction)**

**Size of cubes** : 150 x150 x 150 mm

**Cross Sectional area** : 22500 mm2

**Grade of concrete** : M20

**Compressive Strength as on** : 28 Days

**Date of casting** : 17/06/21

**Concrete for culvert slabs and Drain slabs**

**28 Days test Results**

| Sl no | Date of casting | Date of testing | Failure load | Compressive Strength (N/mm2) | Average Compressive Strength (N/mm2) |
|---|---|---|---|---|---|
| 1 | 16/06/21 | 10/08/2020 | 493.6 | 21.94 | 23.05 |
| 2 | 16/06/21 | 10/08/2020 | 538.7 | 23.97 | |
| 3 | 16/06/21 | 10/08/2020 | 523.4 | 23.26 | |

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# TEST REPORT ON M20 GRADE CONCRETE

**Name of work:** Comphesive development of road and drains at Adithyanagara, Chikkabettahalli, Jyothinagara, Munishamappa Layout, and Judicial Layout in ward no. 03 and 04 of Yelahanka Division (Package – 5)

**location : at Adithyanagara, Chikkabettahalli, Jyothinagara**

**Client:** Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore

**Name of the Work Order No:-** BBMP/EE/YNK.D/EPMT-06/W.O/232/2020-21

**Agency: Sri G. Chandrashekar (Sri Sai Charan Construction)**

**Size of cubes** : 150 x150 x 150 mm

**Cross Sectional area** : 22500 mm2

**Grade of concrete** : M20

**Compressive Strength as on** : 28 Days

**Date of casting** 15/06/21

**Concrete for culvert slabs and Drain slabs**

**28 Days test Results**

| Sl no | Date of casting | Date of testing | Failure load | Compressive Strength (N/mm2) | Average Compressive Strength (N/mm2) |
|---|---|---|---|---|---|
| 1 | 16/06/21 | 10/08/2020 | 538.7 | 23.97 | 23.42 |
| 2 | 16/06/21 | 10/08/2020 | 518.7 | 23.05 | |
| 3 | 16/06/21 | 10/08/2020 | 523.4 | 23.26 | |

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# FIELD DENSITY OF WMM

| | |
|---|---|
| **Name of work:** | Compehesive development of road and drains at Adithyanagara, Chikkabettahalli, Jyothinagara, Munishamappa Layout, and Judicial Layout in ward no. 03 and 04 of Yelahanka Division (Package – 5) |
| **Location:** | At Jyothinagara. |
| **Client:** | Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore |
| **Name of the Agency:** | Sri G. Chandrashekar (Sri Sai Charan Construction) |
| **Reference:** | BBMP/EE/YNK.D/EPMT-06/W.O/232/2020-21 |
| **Condition of Samples:** | Satisfactory |
| **Test According to:** | Relevant IS code |
| **Date of Testing:** | 11/06/2021 |
| **Submission Date:** | 15/06/2021 |

**Test Results – Existing Wet Mix Samples**

| Sample NO | Location | Modified proctor density g/cc | OMC In % | Field Density in g/CC | Field Moisture Content in % | Compaction In % |
|---|---|---|---|---|---|---|
| 1 | Jyoti naidu layout 2nd stage | 2.24 | 5.11 | 2.20 | 5.04 | 98.66 |
| 2 | Jyoti naidu layout 2nd stage | 2.25 | 5.15 | 2.21 | 5.05 | 98.21 |
| 3 | Jyoti naidu layout 2nd stage | 2.24 | 5.11 | 2.20 | 5.04 | 98.19 |
| 4 | Jyoti naidu layout 2nd stage | 2.24 | 5.11 | 2.20 | 5.03 | 98.64 |

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# FIELD DENSITY OF WMM

| | |
|---|---|
| **Name of work:** | Comphesive development of road and drains at Adithyanagara, Chikkabettahalli, Jyothinagara, Munishamappa Layout, and Judicial Layout in ward no. 03 and 04 of Yelahanka Division (Package – 5) |
| **Location:** | At Jyothinagara. |
| **Client:** | Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore |
| **Name of the Agency:** | Sri G. Chandrashekar (Sri Sai Charan Construction) |
| **Reference:** | BBMP/EE/YNK.D/EPMT-06/W.O/232/2020-21 |
| **Condition of Samples:** | Satisfactory |
| **Test According to:** | Relevant IS code |
| **Date of Testing:** | 11/06/2021 |
| **Submission Date:** | 15/06/2021 |

**Test Results – Existing Wet Mix Samples**

| | Location | Modified proctor density g/cc | OMC In % | Field Density in g/CC | Field Moisture Content in % | Compaction In % |
|---|---|---|---|---|---|---|
| 5 | Jyoti naidu layout 2nd stage | 2.24 | 5.11 | 2.20 | 5.04 | 98.66 |
| 6 | Jyoti naidu layout 2nd stage | 2.25 | 5.15 | 2.21 | 5.05 | 98.21 |
| 7 | Jyoti naidu layout 2nd stage | 2.24 | 5.11 | 2.25 | 5.0 | 98.19 |
| 8 | Jyoti naidu layout 2nd stage | 2.24 | 5.10 | 2.20 | 5.02 | 98.64 |

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## TEST FOR TACK COAT

**Name of work:** Comphesive development of road and drains at Adithyanagara, Chikkabettahalli, Jyothinagara, Munishamappa Layout, and Judicial Layout in ward no. 03 and 04 of Yelahanka Division (Package – 5)

**location : At Jyothinagara**

**Client:** Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore

**Work Order No:- BBMP/EE/YNK.D/EPMT-06/W.O/232/2020-21**

**Agency: Sri G. Chandrashekar (Sri Sai Charan Construction)**

**Date of Testing:** 16.02.2022

**Date of Submit:**

| Tray no. | 1 | 2 |
|---|---|---|
| Weight of the tray(b)gms | 1688 | 1688 |
| Weight of the tray with prime(a)gms | 1713.9 | 1712.92 |
| Weight of prime(a-b)gms | 25.9 | 24.92 |
| Tray area (sqm) | 300*300=0.09sqm | 300*300=0.09sqm |
| Rate of spray (kg/sqm) | 0.0259/0.09=0.287 kg/sqm | 0.02492/0.09=0.27 kg/sqm |
| Avg. Rate of spray (kg/sqm) | 0.278 | |

Specified rate as per Specification: 0.25 Kg/sqm

**Note:**

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3. Any Query regarding the report must be within 30 days from the date of testing.

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# TEST FOR TACK COAT

**Name of work:** Comphesive development of road and drains at Adithyanagara, Chikkabettahalli, Jyothinagara, Munishamappa Layout, and Judicial Layout in ward no. 03 and 04 of Yelahanka Division (Package – 5)

**location : At Jyothinagara**

**Client:** Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore

**Work Order No:- BBMP/EE/YNK.D/EPMT-06/W.O/232/2020-21**

**Agency: Sri G. Chandrashekar (Sri Sai Charan Construction)**

**Date of Testing:** 16.02.2022

**Date of Submit:**

| Tray no. | 1 | 2 |
|---|---|---|
| Weight of the tray(b)gms | 1688 | 1688 |
| Weight of the tray with prime(a)gms | 1714 | 1713 |
| Weight of prime(a-b)gms | 26 | 25 |
| Tray area (sqm) | 300*300=0.09sqm | 300*300=0.09sqm |
| Rate of spray (kg/sqm) | 0.026/0.09=0.29 kg/sqm | 0.025/0.09=0.27 kg/sqm |
| Avg. Rate of spray (kg/sqm) | 0.28 | |

Specified rate as per Specification: 0.25 Kg/sqm

**Note:**

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## TEST FOR TACK COAT

**Name of work:** Comphesive development of road and drains at Adithyanagara, Chikkabettahalli, Jyothinagara, Munishamappa Layout, and Judicial Layout in ward no. 03 and 04 of Yelahanka Division (Package – 5)

**location : At Jyothinagara**

**Client:** Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore

**Work Order No:- BBMP/EE/YNK.D/EPMT-06/W.O/232/2020-21**

**Agency: Sri G. Chandrashekar (Sri Sai Charan Construction)**

**Date of Testing:** 16.02.2022

**Date of Submit:**

| Tray no. | 1 | 2 |
|---|---|---|
| Weight of the tray(b)gms | 1688 | 1688 |
| Weight of the tray with prime(a)gms | 1713.9 | 1712.92 |
| Weight of prime(a-b)gms | 25.9 | 24.92 |
| Tray area (sqm) | 300*300=0.09sqm | 300*300=0.09sqm |
| Rate of spray (kg/sqm) | 0.0259/0.09=0.287 kg/sqm | 0.02492/0.09=0.27 kg/sqm |
| Avg. Rate of spray (kg/sqm) | 0.278 | |

Specified rate as per Specification: 0.25 Kg/sqm

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ಜಿ.ಬಿ.ಎ.ಎ. ಬೆಂಗಳೂರು-10&3.

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# TEST FOR TACK COAT

**Name of work:** Comphesive development of road and drains at Adithyanagara, Chikkabettahalli, Jyothinagara, Munishamappa Layout, and Judicial Layout in ward no. 03 and 04 of Yelahanka Division (Package – 5)

**location : At Jyothinagara**

**Client:** Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore

**Work Order No:- BBMP/EE/YNK.D/EPMT-06/W.O/232/2020-21**

**Agency:** Sri G. Chandrashekar (Sri Sai Charan Construction)

**Date of Testing:** 16.02.2022

**Date of Submit:**

| Tray no. | 1 | 2 |
|---|---|---|
| Weight of the tray(b)gms | 1688 | 1688 |
| Weight of the tray with prime(a)gms | 1714 | 1713 |
| Weight of prime(a-b)gms | 26 | 25 |
| Tray area (sqm) | 300*300=0.09sqm | 300*300=0.09sqm |
| Rate of spray (kg/sqm) | 0.026/0.09=0.29 kg/sqm | 0.025/0.09=0.27 kg/sqm |
| Avg. Rate of spray (kg/sqm) | 0.28 | |

Specified rate as per Specification: 0.25 Kg/sqm

**Note:**

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## JOB MIX FORMULA

**Comphesive development of road and drains at Adithyanagara, Chikkabettahalli, Jyothinagara, Munishamappa Layout, and Judicial Layout in ward no. 03 and 04 of Yelahanka Division (Package – 5)**

**Client:** Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore

**Work Order No:-** BBMP/EE/YNK.D/EPMT-06/W.O/232/2020-21

**Agency:** Sri G. Chandrashekar (Sri Sai Charan Construction)

**Date of Testing:** 16.02.2022

**Date of Submission:**

**Table 1, Job mix formula for BC Grade- II (Proportioning of Aggregates)**

| Sieve Size | Materials A % Passing | Materials B % Passing | Materials C % Passing | Materials D % Passing | Obtained gradation % passing | Desired gradation BC grade II ,% passimg MORTH 5th Rev |
|---|---|---|---|---|---|---|
| 19 | 100 | 100.00 | 100.00 | 100 | 100 | 100 |
| 13.2 | 89.20 | 100 | 100 | 100 | 90.70 | 90-100 |
| 9.5 | 16.7 | 79.00 | 100 | 100 | 76.96 | 70-88 |
| 4.75 | 2.24 | 8.52 | 78.25 | 100 | 63.01 | 53-71 |
| 2.36 | 0.79 | 1.60 | 52.55 | 92.60 | 55.51 | 42-58 |
| 1.18 | | 1.10 | 21.20 | 83.60 | 48.35 | 34-48 |
| 0.600 | | 1.00 | 10.60 | 63.60 | 36.49 | 26-38 |
| 0.300 | | 0.94 | 6.85 | 43.10 | 24.77 | 18-28 |
| 0.150 | | 0.86 | 4.20 | 22.50 | 13. | 12-20 |
| 0.075 | | 0.66 | 2.25 | 10.90 | 6.40 | 4-10 |

Material A 20mm = 12%
Material B 1 2.5 mm = 24%
Material C 6.0mm = 6%
Material D 4.75 mm down = 56%
Filler Cement = 2%
Note:-Test and mix design results are for the aggregates and bitumen

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# SOCIUS ENGG. TECH. PVT. LTD.

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## BITUMEN EXTRACTION TEST [FIELD TEST] ON DENSE GRADED BITUMINOUS MACADAM

**Name of work:** Comphesive development of road and drains at Adithyanagara, Chikkabettahalli, Jyothinagara, Munishamappa Layout, and Judicial Layout in ward no. 03 and 04 of Yelahanka Division (Package – 5)

**Location :** At Jyothinagara

**Client:** Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore

**Work Order No:-** BBMP/EE/YNK.D/EPMT-06/W.O/232/2020-21

**Agency:** Sri G. Chandrashekar (Sri Sai Charan Construction)

**Date of Testing:** 14.02.2022.

| Tests on DENSE GRADED BITUMINOUS MACADAM | | | | |
|---|---|---|---|---|
| **Test No 1** | | | | |
| **Sample No** | **Initial Weight of the Mix [w1], in g** | **Weight of mix after extraction of Bitumen [w2], in g** | **Difference in weight, w=[w1-w2], in g** | **Percentage of Bitumen Extracted = [(w /w1)*100]-100, in %** |
| 1 | 500 | 476 | 24 | 4.80 |
| 2 | 500 | 477 | 23 | 4.60 |
| **Test No 2** | | | | |
| **Sample No** | **Initial Weight of the Mix [w1], in g** | **Weight of mix after extraction of Bitumen [w2], in g** | **Difference in weight, w=[w1-w2], in g** | **Percentage of Bitumen Extracted = [(w /w1)*100]-100, in %** |
| 1 | 500 | 476.5 | 24.5 | 4.7 |
| 2 | 500 | 476 | 23 | 4.6 |

Note:
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3. Any Query regarding the report must be within 30 days from the date of testing

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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಜ ಬ.ಎಂ.ಪಿ, ಬೆಂಗಳೂರು-೫೬೦

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**Work Order No:-** BBMP/EE/YNK.D/EPMT-06/W.O/232/2020-21

**Agency:** Sri G. Chandrashekar (Sri Sai Charan Construction)

**Date of Testing:** 14.02.2022

**Tests on DENSE GRADED BITUMINOUS MACADAM**

**Test No 1**

| Sample No | Initial Weight of the Mix [w1], in g | Weight of mix after extraction of Bitumen [w2], in g | Difference in weight, w=[w1-w2], in g | Percentage of Bitumen Extracted = [(w /w1)*100]-100, in % |
|---|---|---|---|---|
| 1 | 500 | 477 | 23 | 4.6 |
| 2 | 500 | 477.5 | 22.5 | 4.5 |

**Test No 2**

| Sample No | Initial Weight of the Mix [w1], in g | Weight of mix after extraction of Bitumen [w2], in g | Difference in weight, w=[w1-w2], in g | Percentage of Bitumen Extracted = [(w /w1)*100]-100, in % |
|---|---|---|---|---|
| 1 | 500 | 476.5 | 24.5 | 4.7 |
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**:ation :** At Jyothinagara

**lient:** Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore

**/ork Order No:-** BBMP/EE/YNK.D/EPMT-06/W.O/232/2020-21

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**:ation :** At Jyothinagara

**lient:** Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore

**/ork Order No:-** BBMP/EE/YNK.D/EPMT-06/W.O/232/2020-21

**gency:** Sri G. Chandrashekar (Sri Sai Charan Construction)

**ate of Testing:** 14.02.2022

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## BITUMEN EXTRACTION TEST [FIELD TEST]

Name of work: Comphesive development of road and drains at Adithyanagara, Chikkabettahalli, Jyothinagara, Munishamappa Layout, and Judicial Layout in ward no. 03 and 04 of Yelahanka Division (Package – 5)
Location : At Jyothinagara
Client: Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore
Work Order No:- BBMP/EE/YNK.D/EPMT-06/W.O/232/2020-21
Agency: Sri G. Chandrashekar (Sri Sai Charan Construction)
Date of Testing: 16.02.2022
Date of Submit:

**Tests on Bituminous Concrete**

**Test No 3**

| Sample No | Initial Weight of the Mix [w1], in g | Weight of mix after extraction of Bitumen [w2], in g | Difference in weight, w=[w1-w2], in g | Percentage of Bitumen Extracted = [(w /w1)*100]-100, in % |
|---|---|---|---|---|
| 1 | 500 | 472 | 28 | 5.6 |
| 2 | 500 | 472 | 28 | 5.6 |

**Test No 4**

| Sample No | Initial Weight of the Mix [w1], in g | Weight of mix after extraction of Bitumen [w2], in g | Difference in weight, w=[w1-w2], in g | Percentage of Bitumen Extracted = [(w /w1)*100]-100, in % |
|---|---|---|---|---|
| 1 | 500 | 471.5 | 28.5 | 5.7 |
| 2 | 500 | 472 | 28 | 5.6 |

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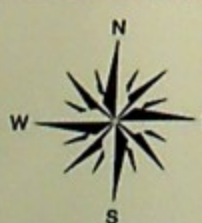

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**location : At Jyothinagara**
**Client:** Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore
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|---|---|---|---|---|
| 1 | 500 | 471.5 | 28.5 | 5.7 |
| 2 | 500 | 472 | 28 | 5.6 |

**Test No 4**

| Sample No | Initial Weight of the Mix [w1], in g | Weight of mix after extraction of Bitumen [w2], in g | Difference in weight, w=[w1-w2], in g | Percentage of Bitumen Extracted = [(w /w1)*100]-100, in % |
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| 2 | 500 | 472 | 28 | 5.6 |

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## BITUMEN EXTRACTION TEST [FIELD TEST]

**Name of work:** Comphesive development of road and drains at Adithyanagara, Chikkabettahalli, Jyothinagara, Munishamappa Layout, and Judicial Layout in ward no. 03 and 04 of Yelahanka Division (Package – 5)
**Location : At Jyothinagara**
**Client:** Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore
**Work Order No:-** BBMP/EE/YNK.D/EPMT-06/W.O/232/2020-21
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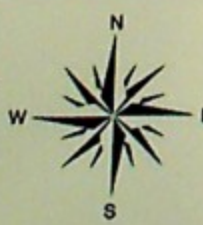

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